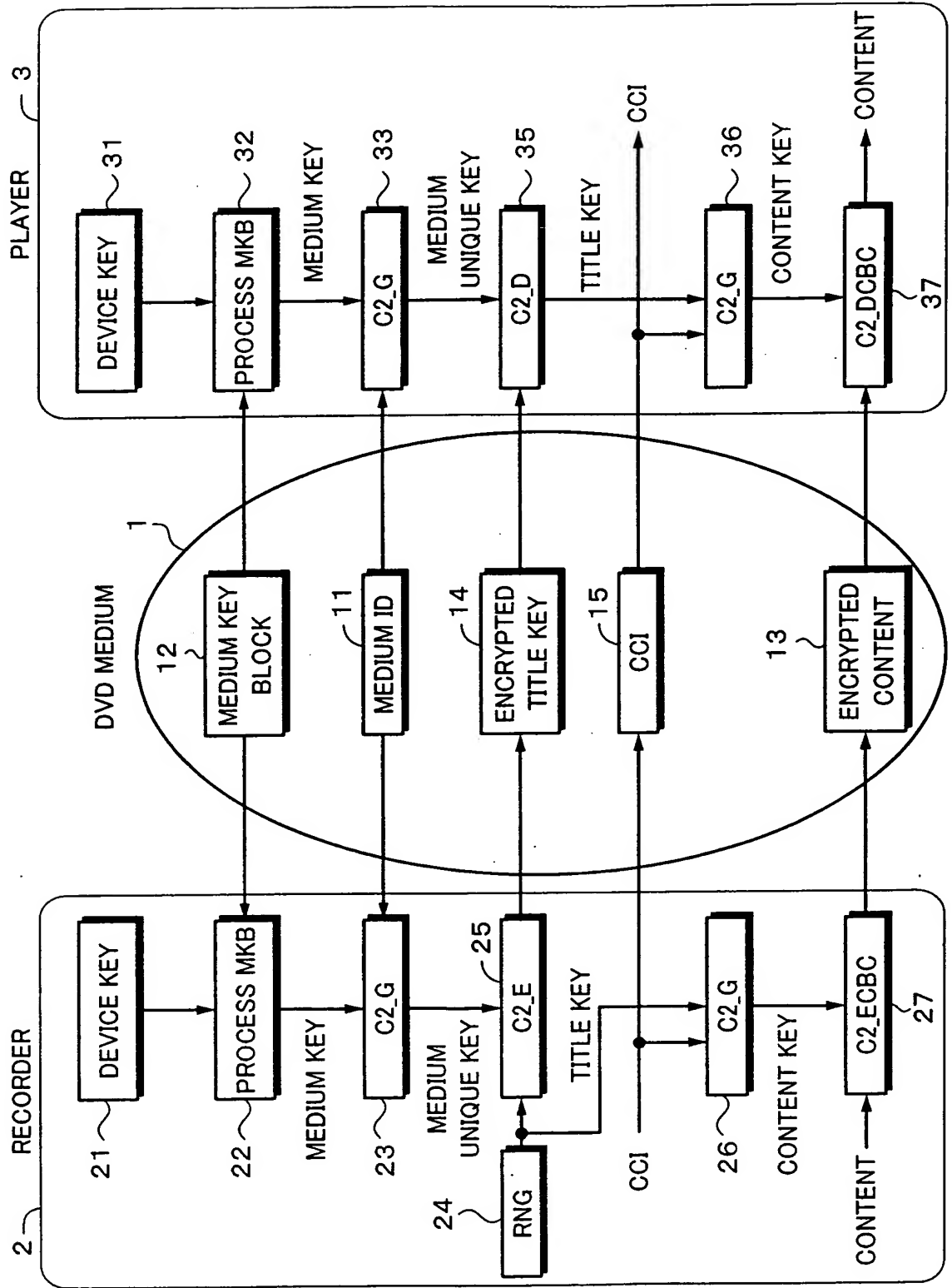


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Fig. 1



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Fig. 2

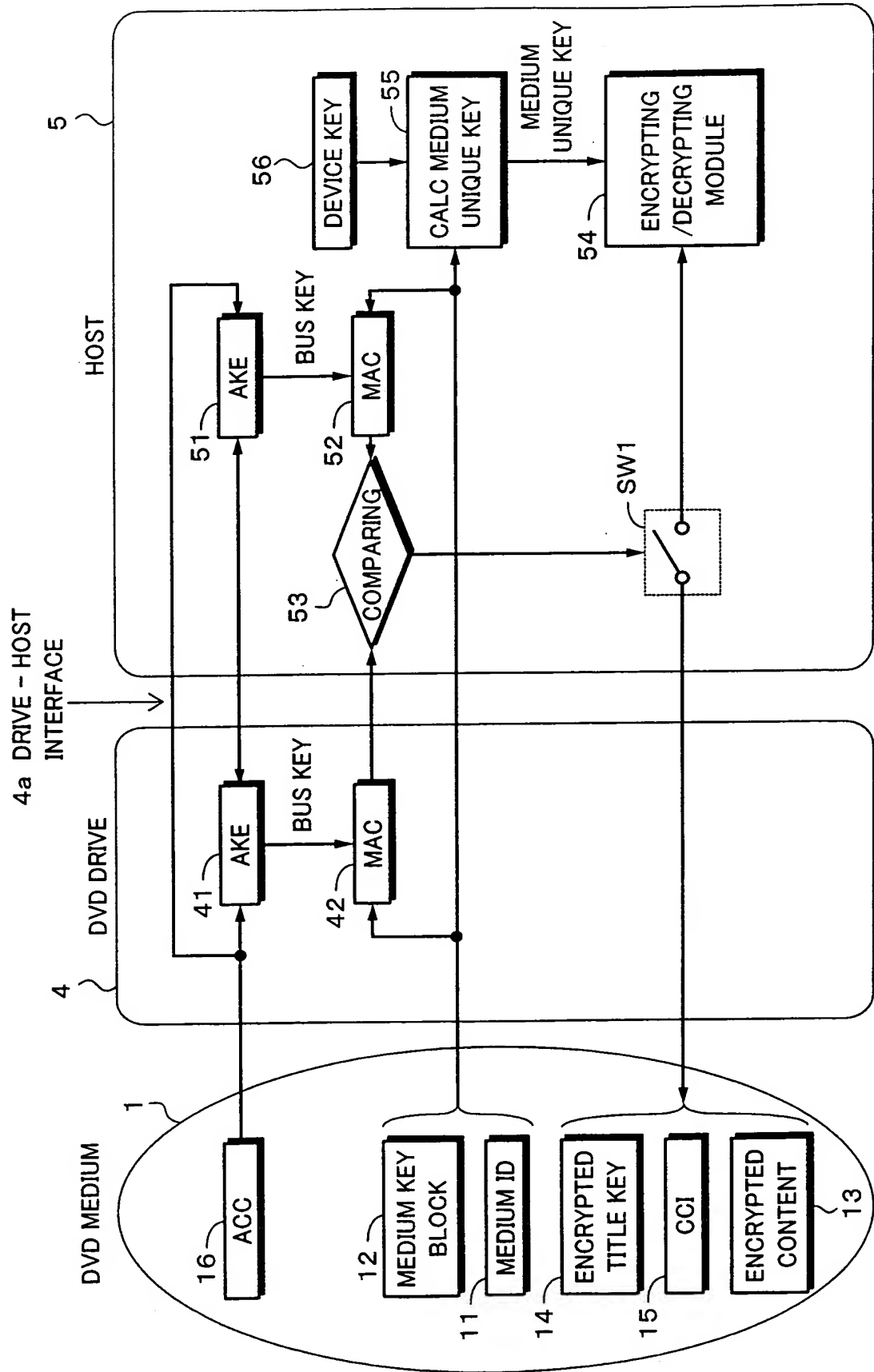
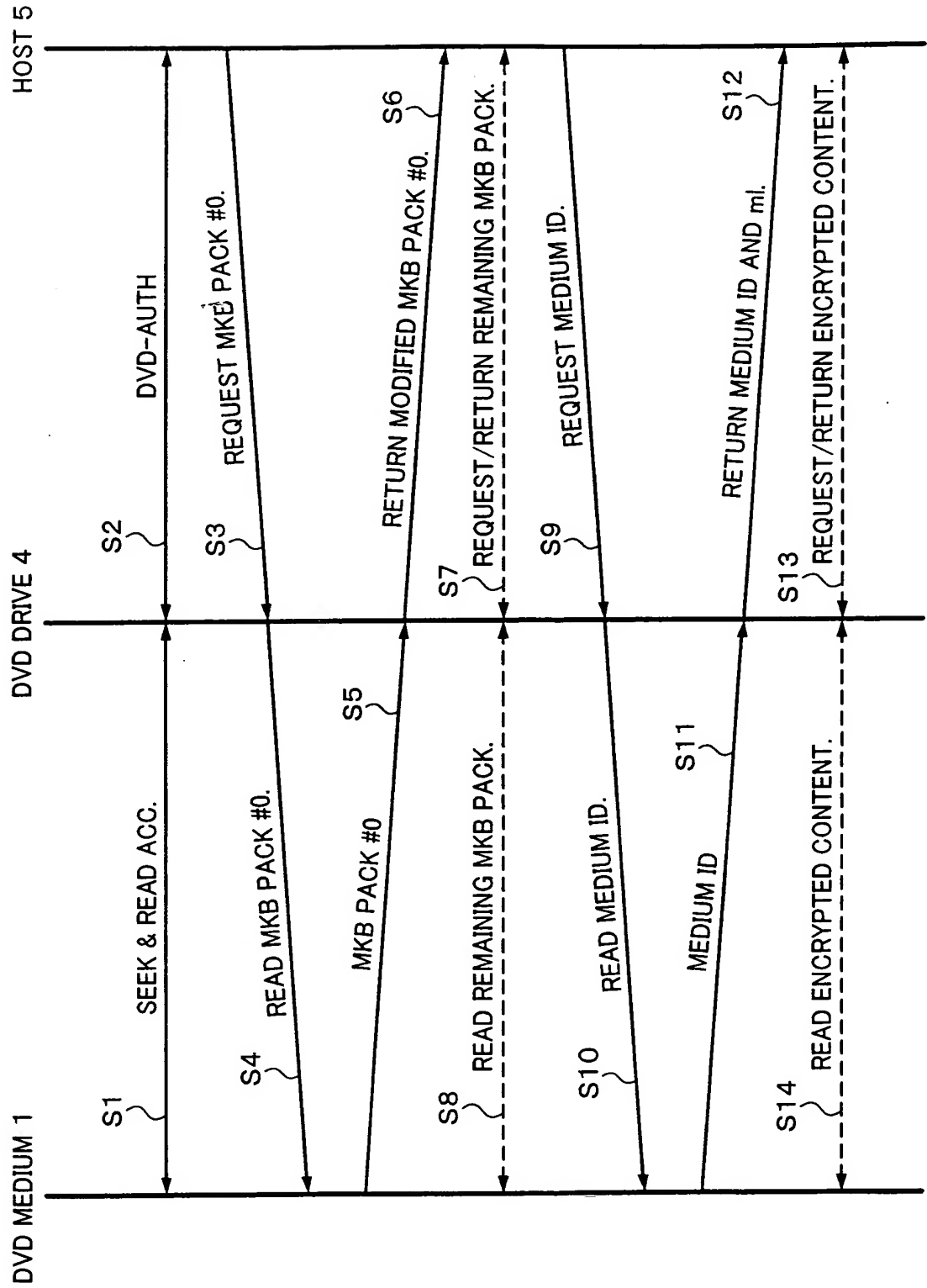
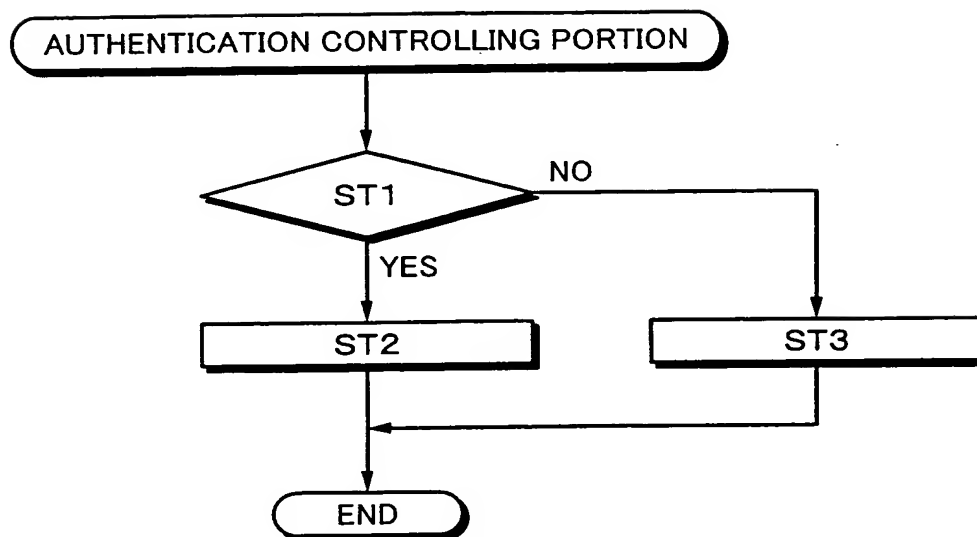


Fig. 3



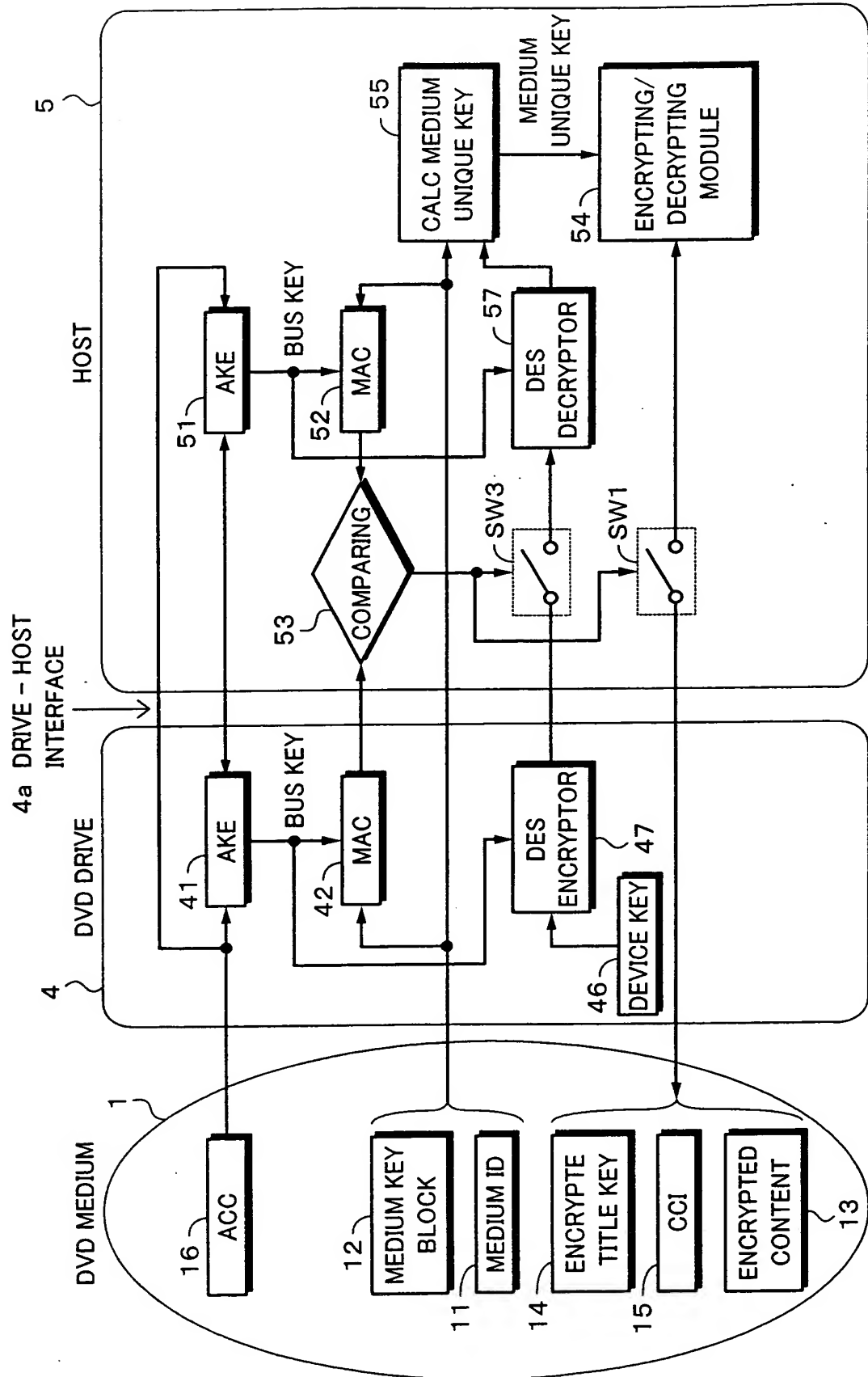
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Fig. 4



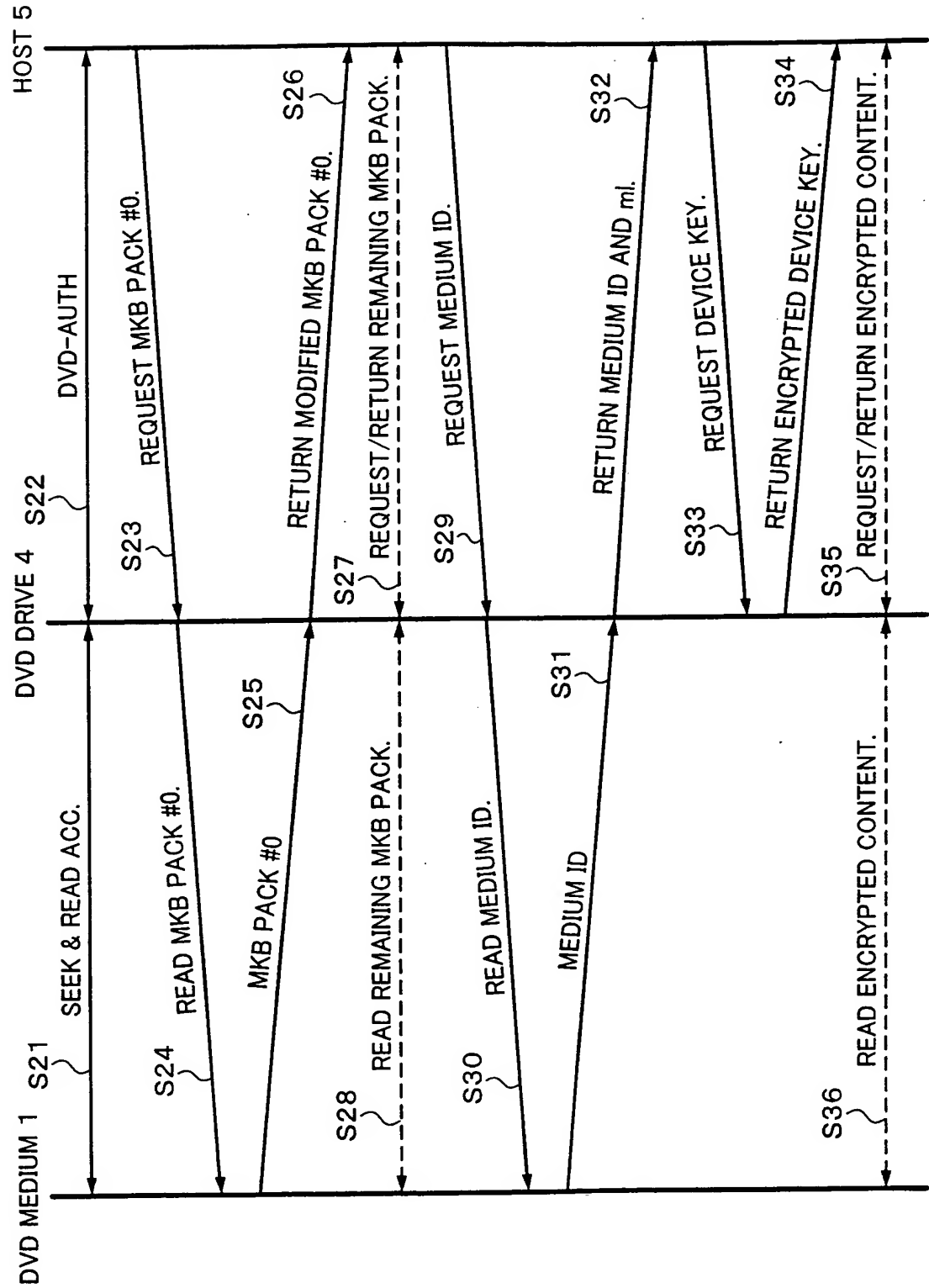
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Fig. 5



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Fig. 6



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Fig. 7

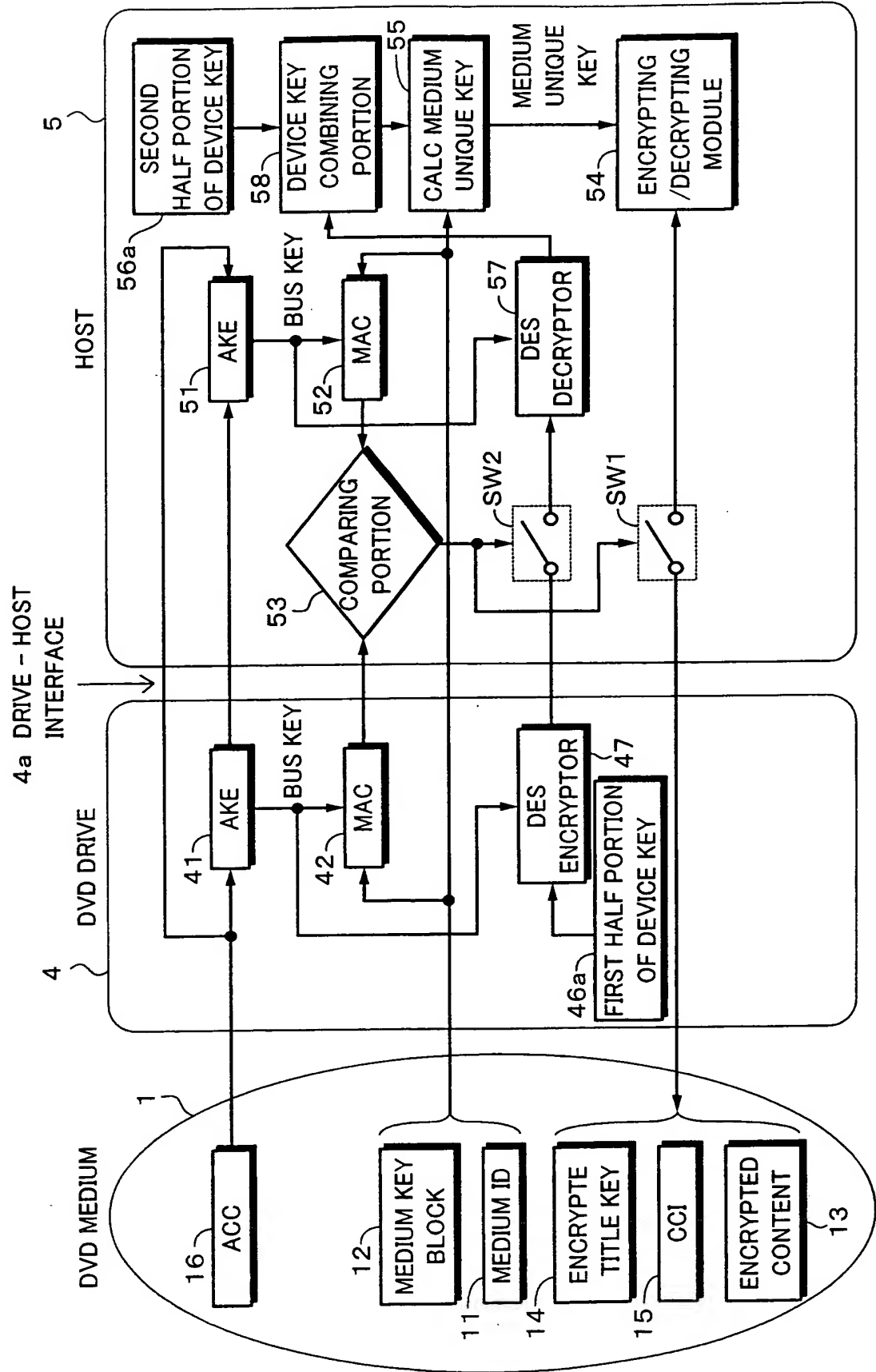
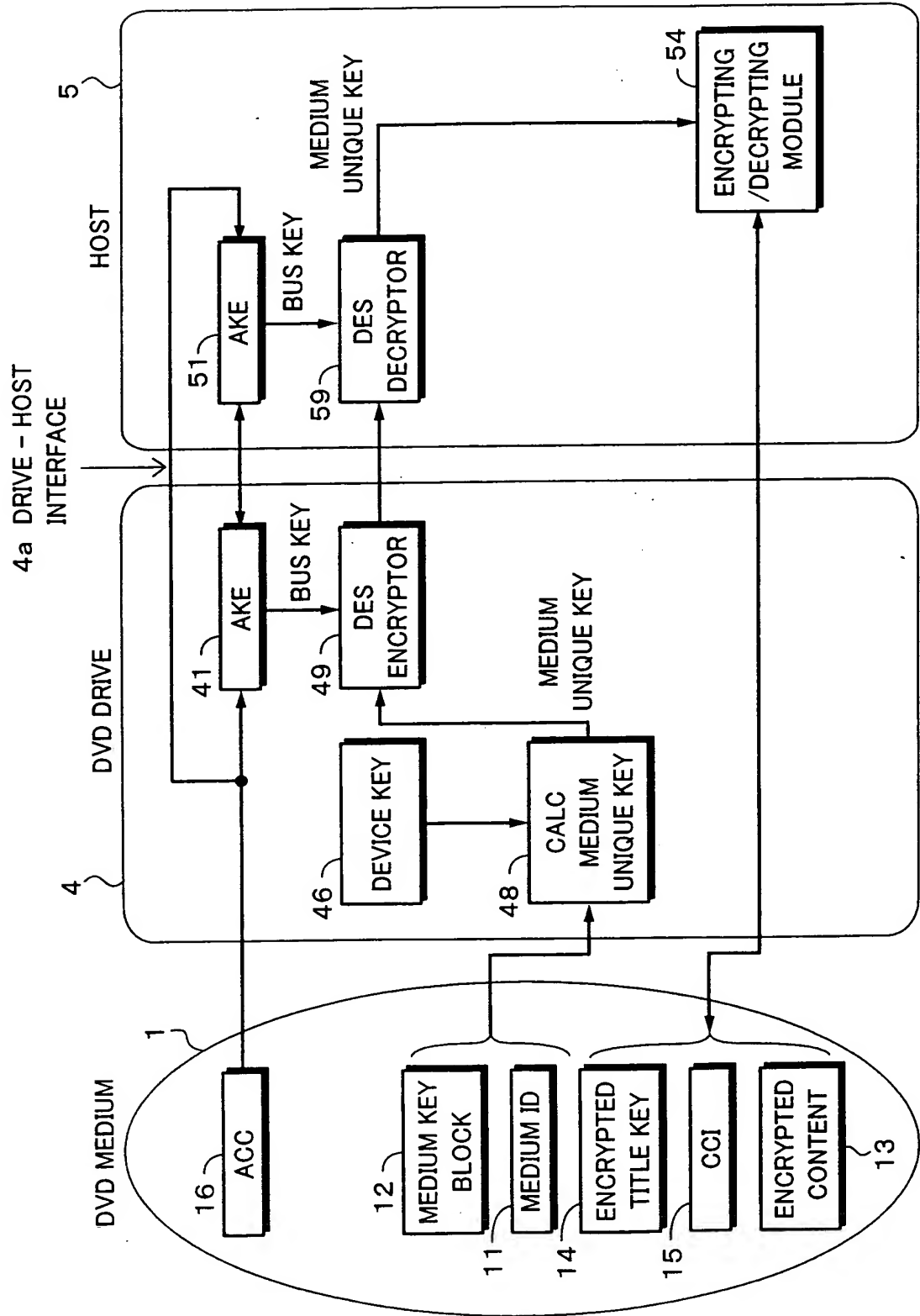
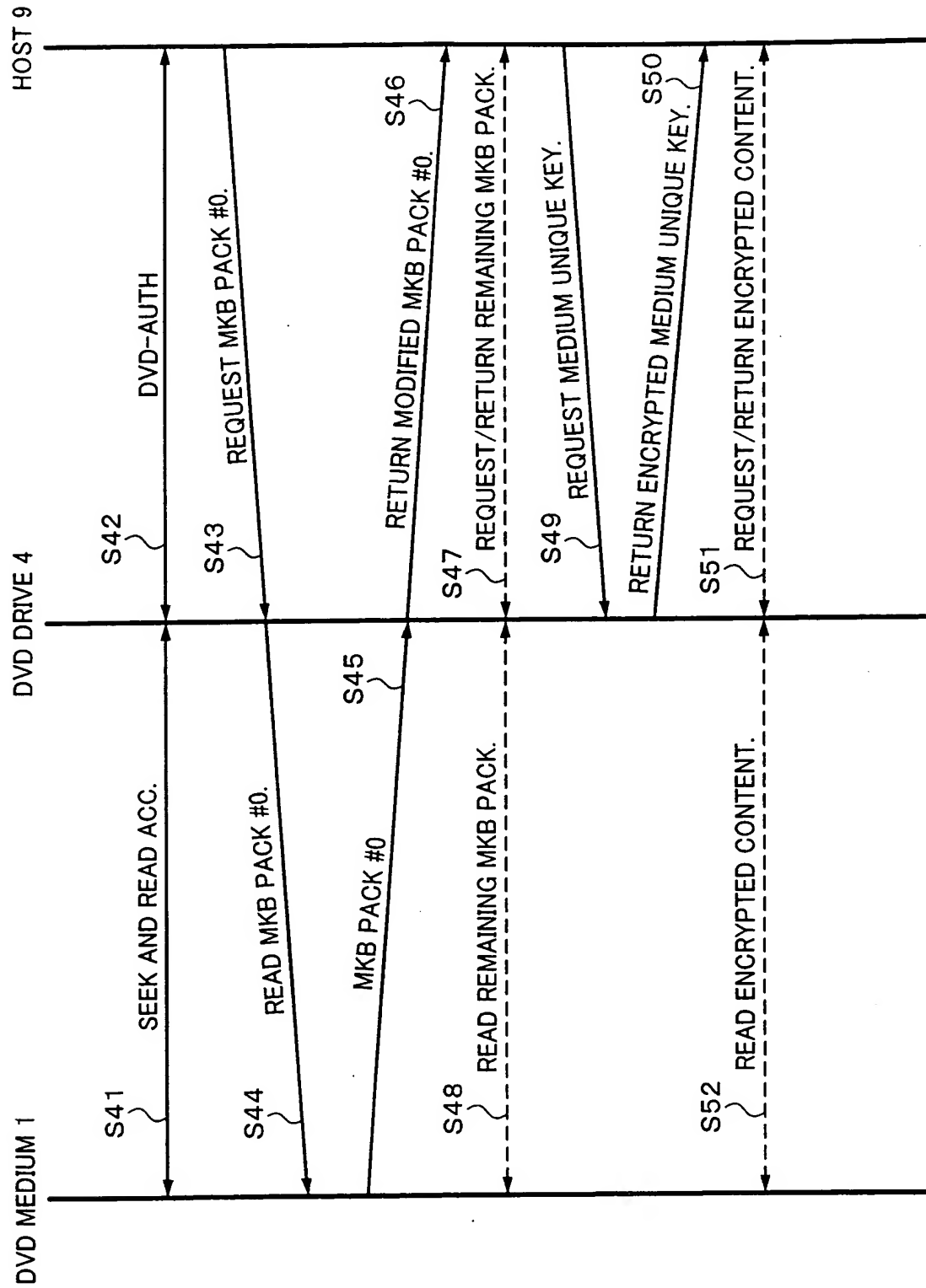


Fig. 8



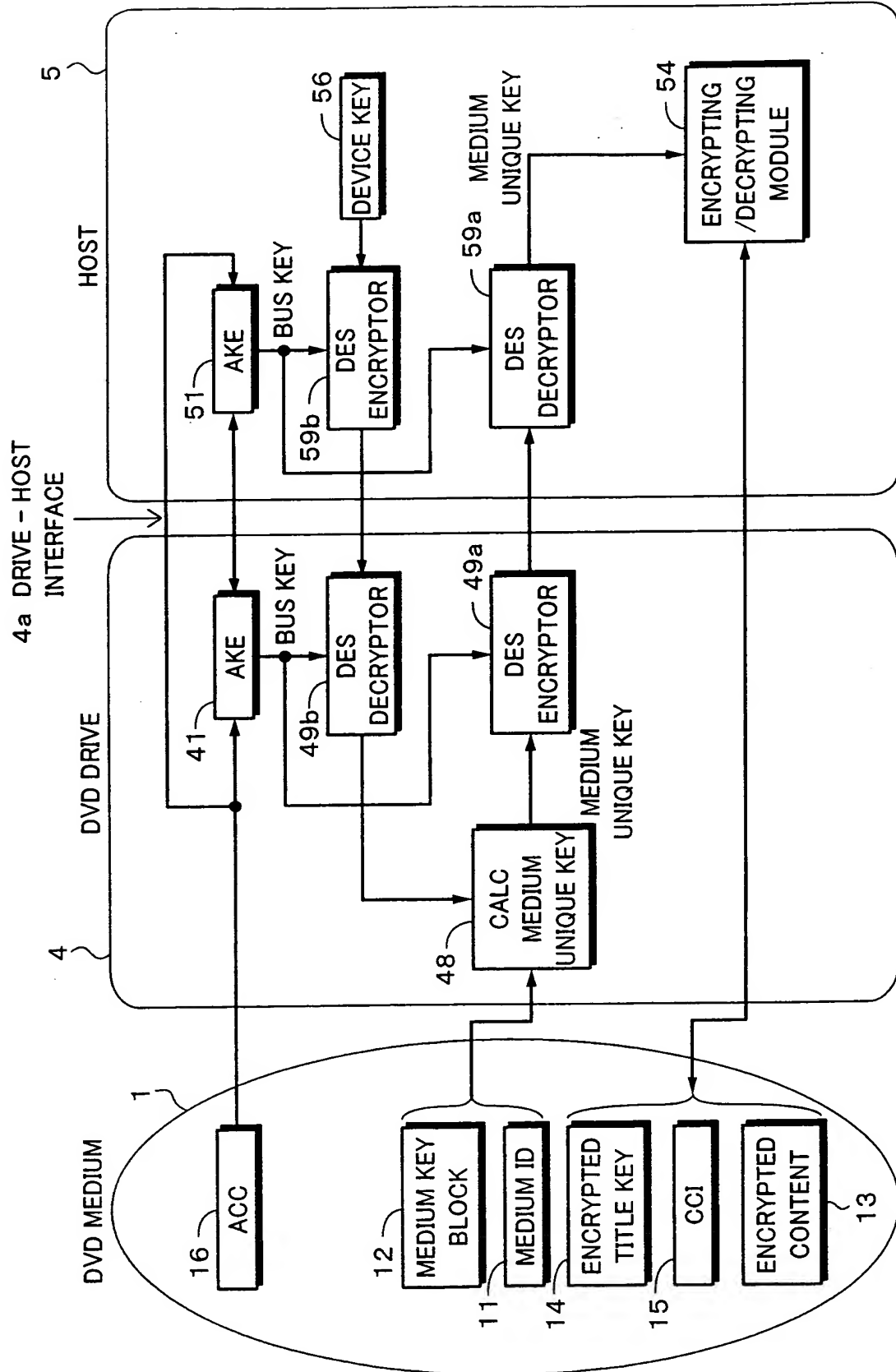
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Fig. 9



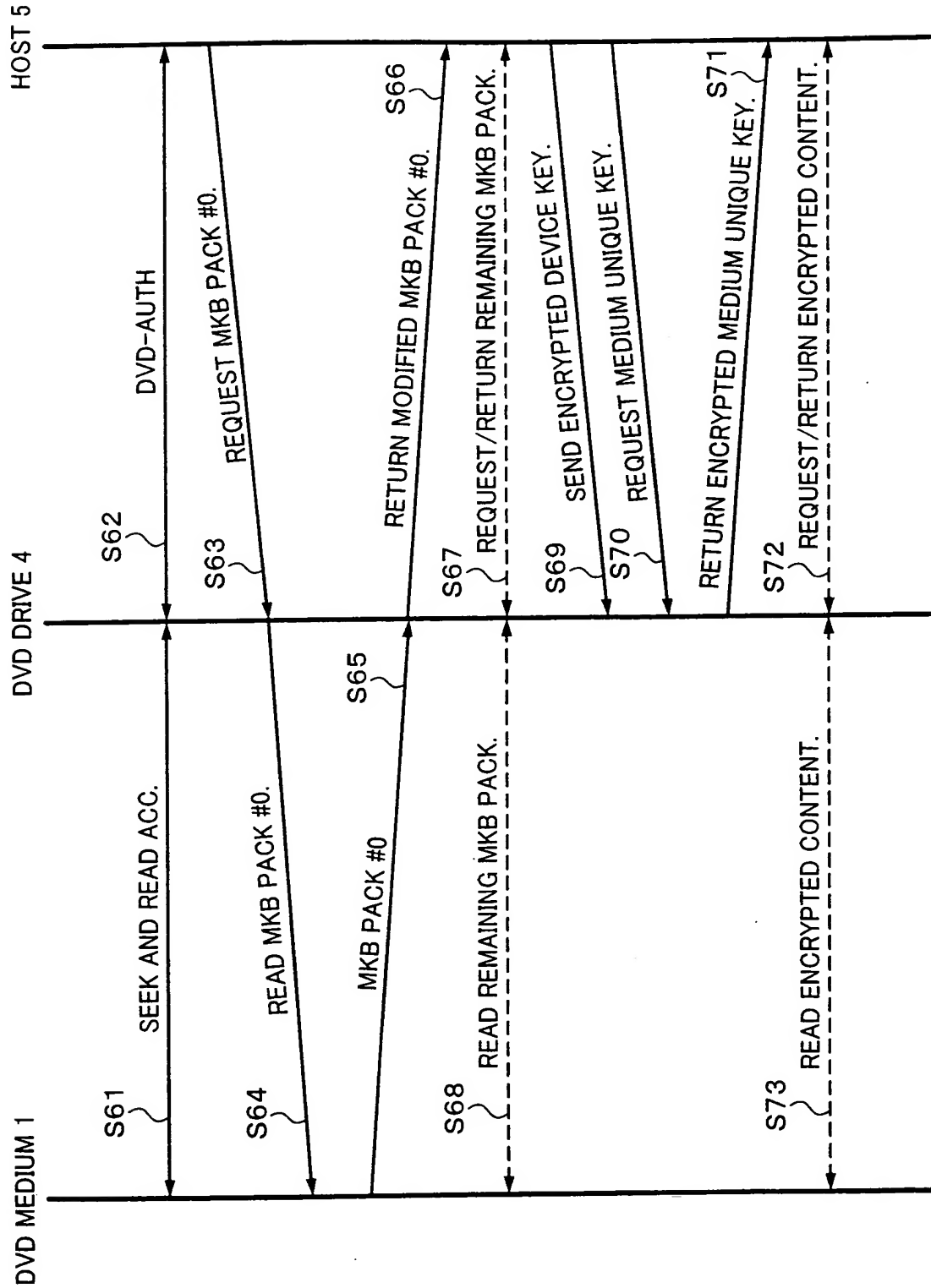
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Fig. 10



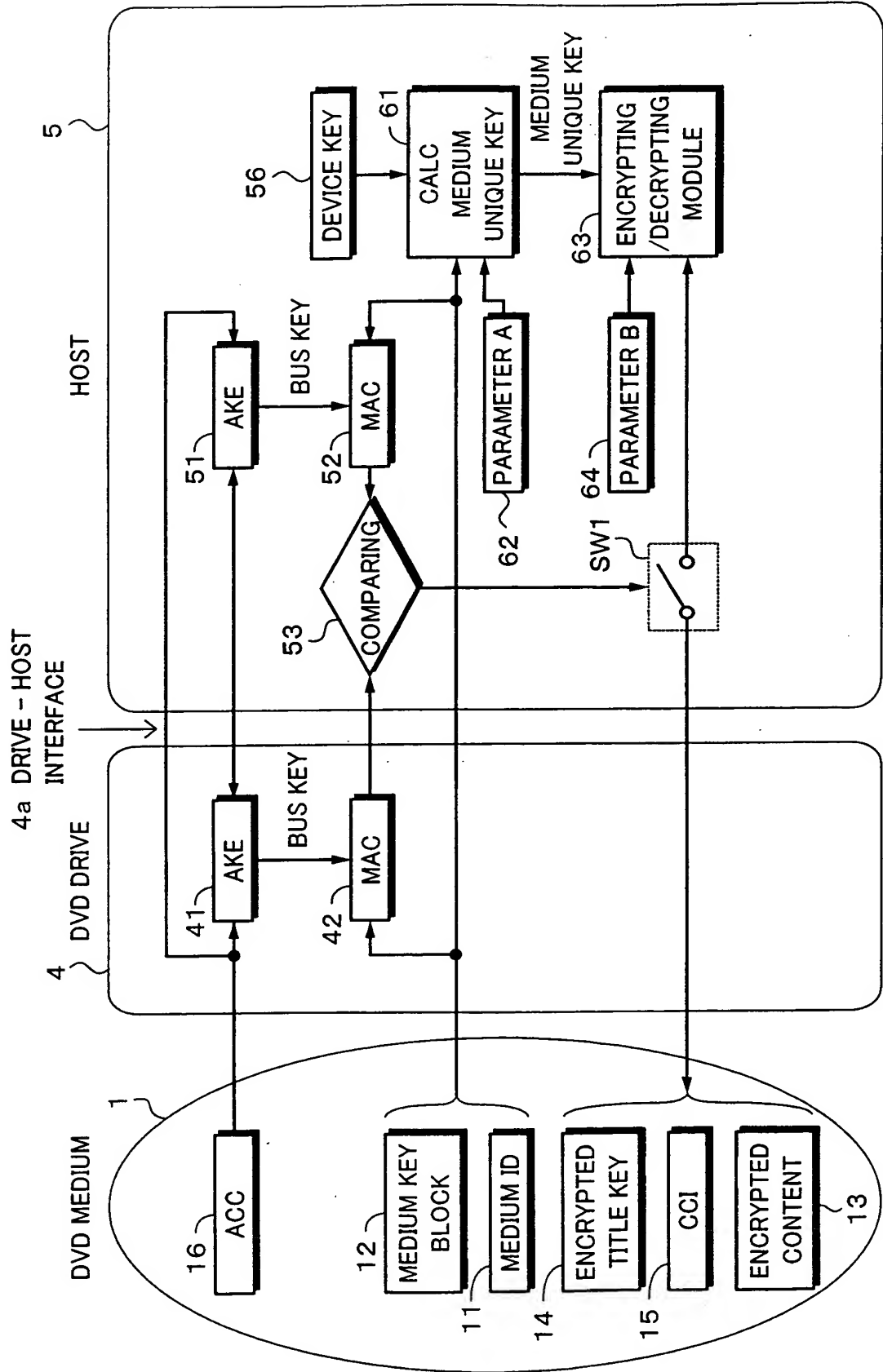
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Fig. 11



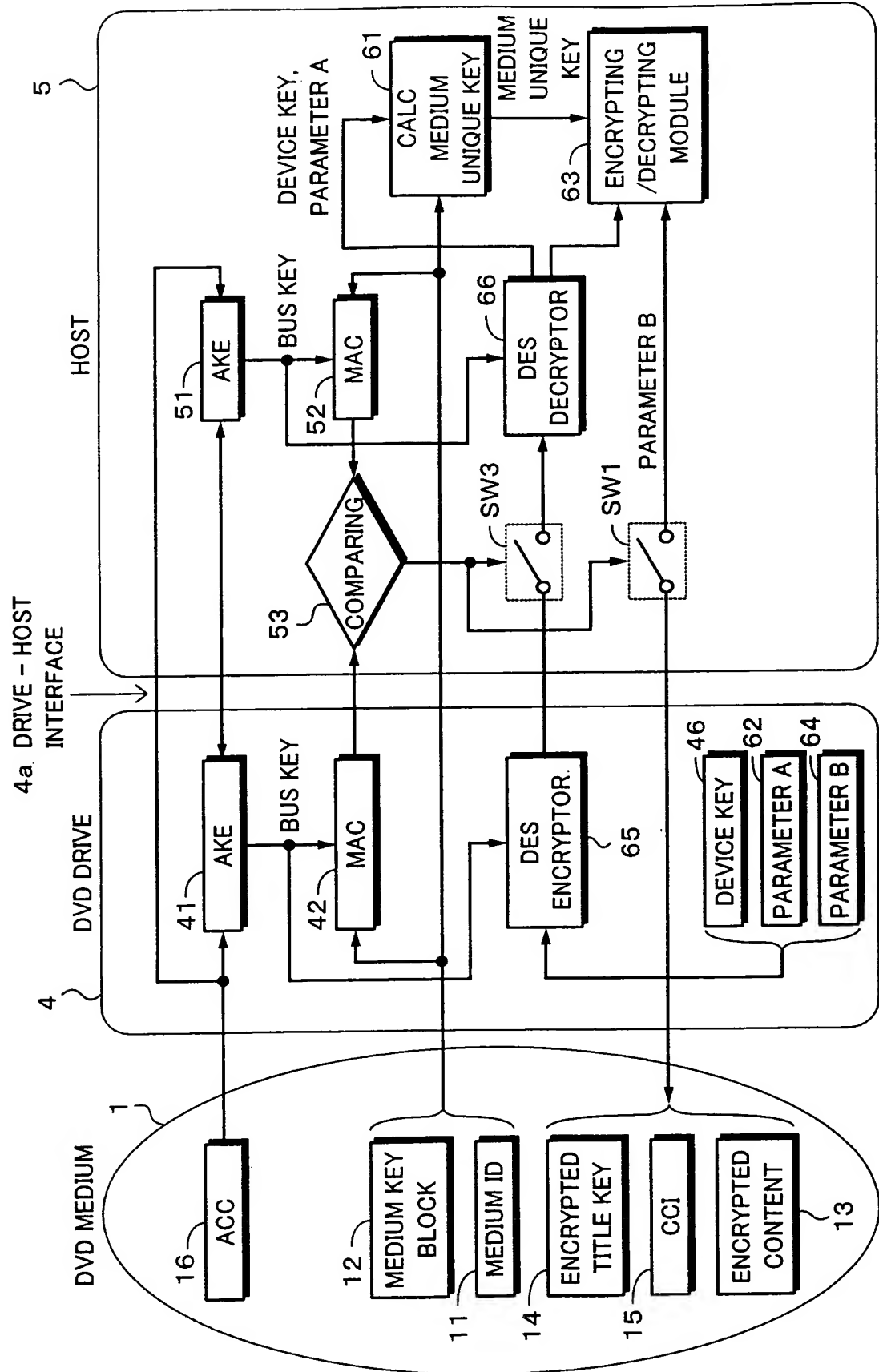
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Fig. 12



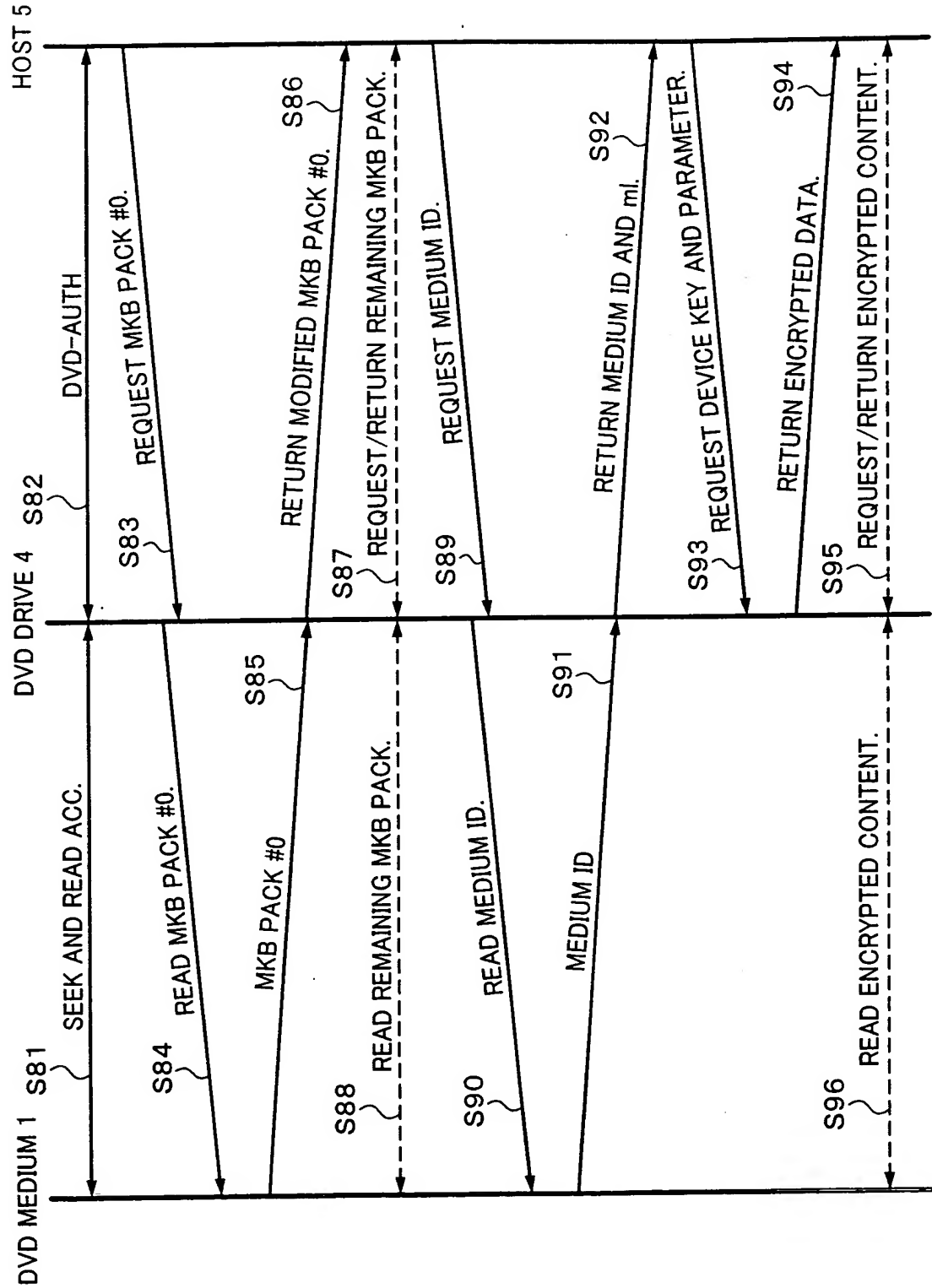
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Fig. 13



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Fig. 14



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Fig. 15

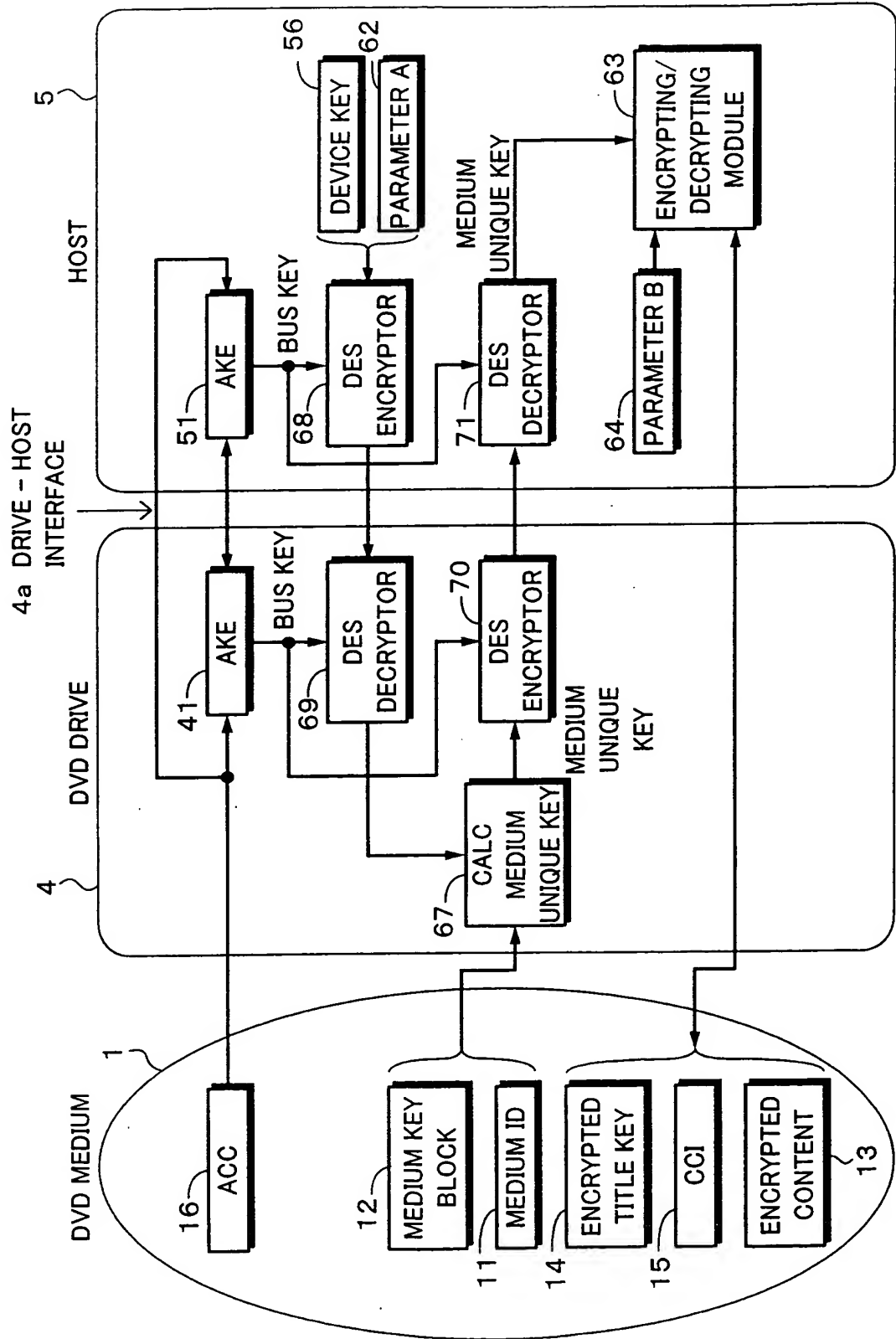
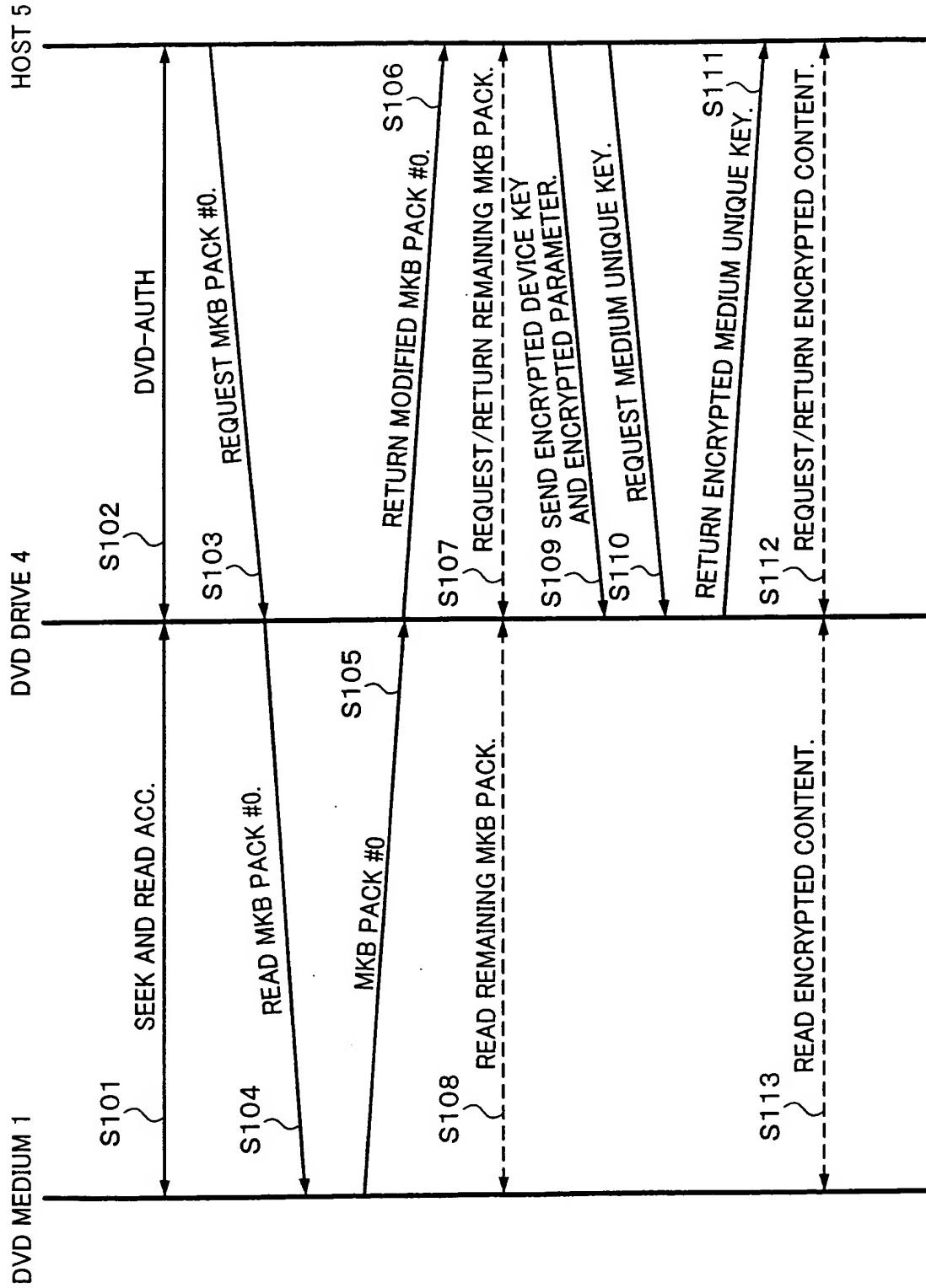
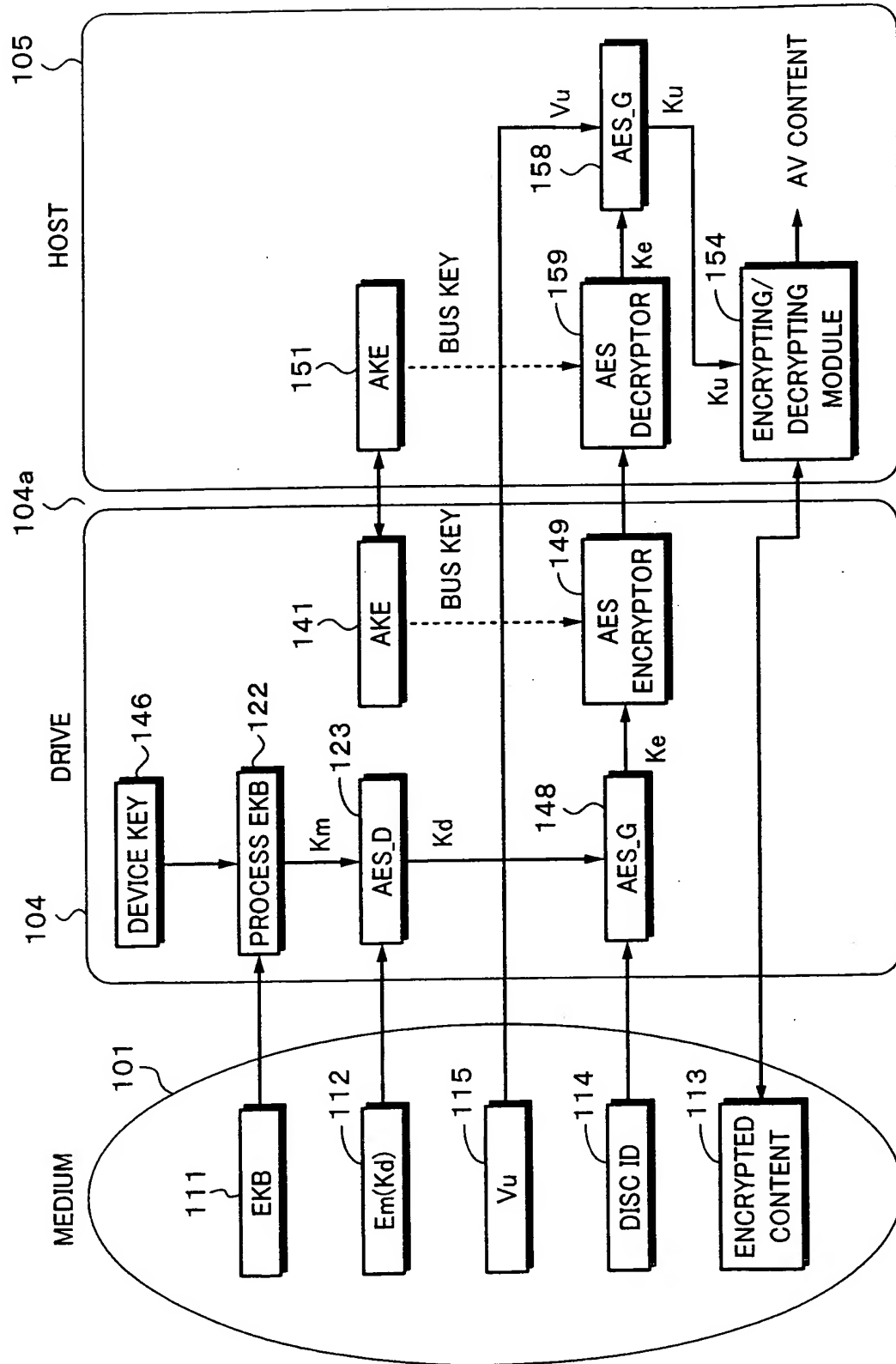


Fig. 16



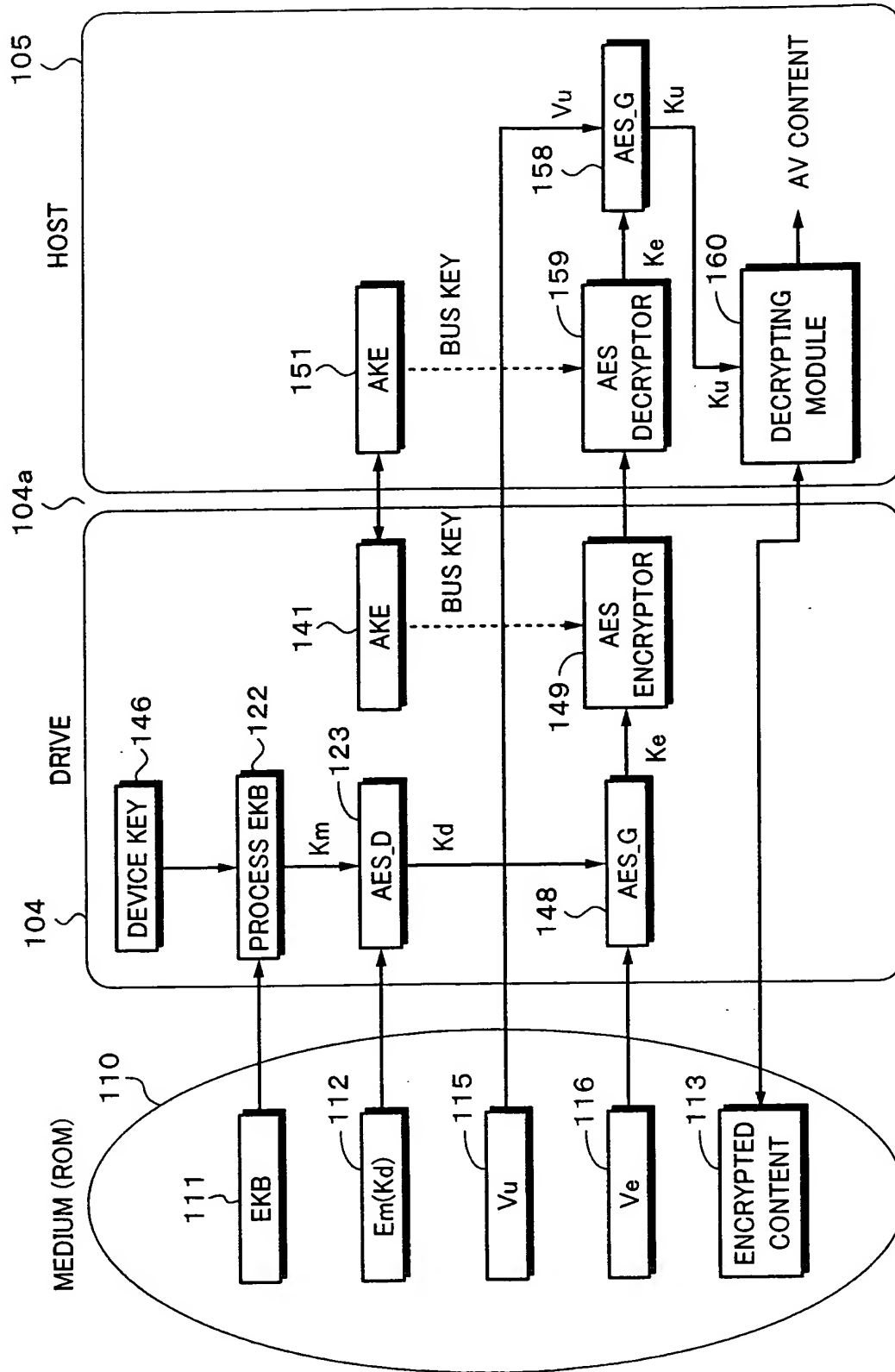
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Fig. 17



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Fig. 18



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DESCRIPTION OF REFERENCE NUMERALS

ST1 DO MAC CALCULATED VALUES MATCH ?

ST2 TURN ON SWITCH

ST3 TURN OFF SWITCH

1 DVD MEDIUM 2 RECORDER 3 PLAYER

4 DVD DRIVE 4a INTERFACE 5 HOST

11 MEDIUM ID 12 MEDIUM KEY BLOCK (MKB)

13 ENCRYPTED CONTENT 42, 52 MAC CALCULATING BLOCK

46 DEVICE KEY 46a FIRST HALF PORTION OF DEVICE KEY

47 DES ENCRYPTOR

48 MEDIUM UNIQUE KEY CALCULATING BLOCK

49, 49a DES ENCRYPTOR

49b DES DECRYPTOR 53 COMPARING PORTION THAT COMPARE MACS

54 ENCRYPTING/DECRYPTING MODULE

55 MEDIUM UNIQUE KEY CALCULATING BLOCK

56a SECOND HALF PORTION OF DEVICE KEY 57 DES DECRYPTOR

58 DEVICE KEY COMBINING PORTION 59, 59a DES DECRYPTOR

61 MEDIUM UNIQUE KEY CALCULATING BLOCK

62 PARAMETER A 63 ENCRYPTING/DECRYPTING MODULE

64 PARAMETER B 65 DES ENCRYPTOR

66 DES DECRYPTOR

101 MEDIUM 104 DRIVE 105 HOST

111 EKB 112 ENCRYPTED DISC KEY

113 ENCRYPTED CONTENT 114 DISC ID

115 UNIT KEY GENERATING VALUE 116 EMBEDDED KEY GENERATING VALUE